

$$\begin{pmatrix} a_0 & a_1 & \dots & a_m & 0 & 0 & 0 & \dots & 0 \\ 0 & a_0 & a_1 & \dots & a_m & 0 & 0 & \dots & 0 \\ 0 & 0 & a_0 & a_1 & \dots & a_m & 0 & \dots & 0 \\ \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots \\ 0 & 0 & 0 & \dots & 0 & a_0 & a_1 & \dots & a_m \\ b_0 & b_1 & \dots & b_n & 0 & 0 & 0 & \dots & 0 \\ 0 & b_0 & b_1 & \dots & b_n & 0 & 0 & \dots & 0 \\ 0 & 0 & b_0 & b_1 & \dots & b_n & 0 & \dots & 0 \\ \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots & \vdots \\ 0 & 0 & 0 & \dots & 0 & b_0 & b_1 & \dots & b_n \end{pmatrix}$$